

Year: 2011

Vol.: 79

Fasc.: 3-4

Title: A survey on monogenic orders

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Recall that an order \mathcal{O} in an algebraic number field K is called *monogenic* if it is generated by one element, i.e., there is an α with $\mathbb{Z}[\alpha] = \mathcal{O}$. By work of GYÖRÝ [?, 1976] there are, up to a suitable equivalence, only finitely many α such that $\mathbb{Z}[\alpha] = \mathcal{O}$. In this survey, we give an overview of recent results on estimates for the number of α up to equivalence.

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